

## SEQUENCE LISTING

<110> Ben-Sasson, Shmuel A.

<120> Short Peptides Which Selectively  
Modulate the Activity of Protein Kinases

<130> 1242.1029-000 (CMCC-679)

<140> US 09/161,094  
<141> 1998-09-25

<160> 172

<170> FastSEQ for Windows Version 4.0

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<213> unknown

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Glu Thr Lys Phe  
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<220>  
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Asp Thr Arg Phe  
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<220>  
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Glu Thr Lys Phe

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 Gly Arg Phe

<210> 5  
 <211> 19  
 <212> PRT  
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<220>  
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 Gly Arg Phe

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Gly Arg Phe

<210> 8  
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<220>  
<223> PKCg

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Gly Lys Phe

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Met Glu Phe Leu Asn Gly Gly Asp Leu Met Phe His Ile Gln Asp Lys  
1 5 10 15  
Gly Arg Phe

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Met Glu Tyr Val Asn Gly Gly Asp Leu Met Phe Gln Ile Gln Arg Ser  
1 5 10 15  
Arg Lys Phe

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Arg Arg Phe

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15

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His Lys Phe

<210> 13  
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<220>  
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1 5 10 15  
Arg Val Phe

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<220>  
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<220>  
 <223> CK IIa

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 1 5 10 15

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<220>  
 <223> CK IIa'

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 1 5 10 15

<210> 18  
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 <212> PRT  
 <213> unknown

<220>  
 <223> bARK1

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 Leu Asp Leu Met Asn Gly Gly Asp Leu His Tyr His Leu Ser Gln His  
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 Gly Val Phe

<210> 19  
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 <213> unknown

<220>  
 <223> GRK1

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 Met Thr Ile Met Asn Gly Gly Asp Ile Arg Tyr His Ile Tyr Asn Val

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Asp Glu Asp Asn Pro Gly Phe  
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Leu Thr Ile Met Asn Gly Gly Asp Leu Lys Phe His Ile Tyr Asn Leu  
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Gly Asn Pro Gly Phe  
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Gly Asn Pro Gly Phe  
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<400> 22  
Leu Thr Leu Met Asn Gly Gly Asp Leu Lys Phe His Ile Tyr His Met  
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Gly Gln Ala Gly Phe  
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<220>  
<223> CaMKI

<400> 23

Met Gln Leu Val Ser Gly Gly Glu Leu Phe Asp Arg Ile Val Glu Lys  
 1 5 10 15  
 Gly Gly Tyr

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<400> 24  
 Phe Asp Leu Val Thr Gly Gly Glu Leu Phe Glu Asp Ile Val Ala Arg  
 1 5 10 15  
 Glu Tyr Tyr

<210> 25  
 <211> 19  
 <212> PRT  
 <213> unknown

<220>  
 <223> Plk

<400> 25  
 Leu Glu Leu Cys Arg Arg Arg Ser Leu Leu Glu Leu His Lys Arg Arg  
 1 5 10 15  
 Lys Ala Leu

<210> 26  
 <211> 19  
 <212> PRT  
 <213> unknown

<220>  
 <223> Plx1

<400> 26  
 Leu Glu Leu Cys Arg Arg Arg Ser Leu Leu Glu Leu His Lys Arg Arg  
 1 5 10 15  
 Lys Ala Val

<210> 27  
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 <213> unknown

<220>  
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&lt;400&gt; 27

Leu	Glu	Leu	Cys	Lys	Lys	Arg	Ser	Met	Met	Glu	Leu	His	Lys	Arg	Arg
1				5				10					15		

Lys Ser Ile

&lt;210&gt; 28

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; SNK

&lt;400&gt; 28

Leu	Glu	Tyr	Cys	Ser	Arg	Arg	Ser	Met	Ala	His	Ile	Leu	Lys	Ala	Arg
1				5				10					15		

Lys Val Leu

&lt;210&gt; 29

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; CDC 5

&lt;400&gt; 29

Leu	Glu	Ile	Cys	Pro	Asn	Gly	Ser	Leu	Met	Glu	Leu	Leu	Lys	Arg	Arg
1				5				10					15		

Lys Val Leu

&lt;210&gt; 30

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; Sak

&lt;400&gt; 30

Leu	Glu	Met	Cys	His	Asn	Gly	Glu	Met	Asn	Arg	Tyr	Leu	Lys	Asn	Arg
1				5				10					15		

Val Lys Pro Phe  
20

&lt;210&gt; 31

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; Prk

<400> 31  
 Leu Glu Leu Cys Ser Arg Lys Ser Leu Ala His Ile Trp Lys Ala Arg  
 1 5 10 15  
 His Thr Leu

<210> 32  
 <211> 19  
 <212> PRT  
 <213> unknown

<220>  
 <223> P101

<400> 32  
 Leu Glu Leu Cys Glu His Lys Ser Leu Met Glu Leu Leu Arg Lys Arg  
 1 5 10 15  
 Lys Gln Leu

<210> 33  
 <211> 19  
 <212> PRT  
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<400> 33  
 Met Glu Tyr Ala Ser Gly Gly Glu Val Phe Asp Tyr Leu Val Ala His  
 1 5 10 15  
 Gly Arg Met

<210> 34  
 <211> 19  
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<220>  
 <223> P78

<400> 34  
 Met Glu Tyr Ala Ser Gly Gly Glu Val Phe Asp Tyr Leu Val Ala His  
 1 5 10 15  
 Gly Arg Met

<210> 35  
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 <212> PRT  
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<220>

&lt;223&gt; CDK2

<400> 35  
 Phe Glu Phe Leu His Gln Asp Leu Lys Lys Phe Met Asp Ala Ser Ala  
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 Leu Thr Gly Ile  
 20

<210> 36  
 <211> 20  
 <212> PRT  
 <213> unknown

<220>  
<223> CDK4

<400> 36  
 Phe Glu His Val Asp Gln Asp Leu Arg Thr Tyr Leu Asp Lys Ala Pro  
 1 5 10 15  
 Pro Pro Gly Leu  
 20

<210> 37  
 <211> 20  
 <212> PRT  
 <213> Unknown

<220>  
<223> CDK6

<400> 37  
 Phe Glu His Val Asp Gln Asp Leu Thr Thr Tyr Leu Asp Lys Val Pro  
 1 5 10 15  
 Glu Pro Gly Val  
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<210> 38  
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<400> 38  
 Thr Glu Tyr Met Ser Lys Gly Ser Leu Leu Asp Phe Leu Lys Gly Glu  
 1 5 10 15  
 Thr Gly Lys Tyr Leu  
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<210> 39  
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<400> 39  
Thr Glu Phe Met Ser Lys Gly Ser Leu Leu Asp Phe Leu Lys Glu Gly  
1 5 10 15  
Asp Gly Lys Tyr Leu  
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Thr Glu Tyr Met Asn Lys Gly Ser Leu Leu Asp Phe Leu Lys Asp Gly  
1 5 10 15  
Glu Gly Arg Ala Leu  
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<400> 41  
Thr Glu Phe Met Cys His Gly Ser Leu Leu Asp Phe Leu Lys Asn Pro  
1 5 10 15  
Glu Gly Gln Asp Leu  
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<210> 42  
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<400> 42  
Thr Glu Tyr Met Ala Lys Gly Ser Leu Leu Asp Phe Leu Lys Ser Asp  
1 5 10 15  
Glu Gly Gly Lys Val  
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<210> 43  
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<213> unknown

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<223> Hck

<400> 43

Thr Glu Phe Met Ala Lys Gly Ser Leu Leu Asp Phe Leu Lys Ser Asp  
 1 5 10 15  
 Glu Gly Ser Lys Gln  
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<210> 44

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<212> PRT

<213> unknown

<220>

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<400> 44

Thr Glu Tyr Met Glu Asn Gly Ser Leu Val Asp Phe Leu Lys Thr Pro  
 1 5 10 15  
 Ser Gly Ile Lys Leu  
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<210> 45

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<400> 45

Thr Glu Tyr Met Ala Lys Gly Ser Leu Val Asp Tyr Leu Arg Ser Arg  
 1 5 10 15  
 Gly Arg Ser Val Leu  
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<210> 46

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<400> 46

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 Gly Arg Ala Leu Val  
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<210> 47

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<220>  
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<400> 47  
 Met Glu Leu Cys Thr Leu Gly Glu Leu Arg Ser Phe Leu Gln Val Arg  
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 Lys Tyr Ser Leu  
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<210> 48  
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<220>  
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<400> 48  
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 Asn Arg Gln Glu Val  
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<210> 49  
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 <212> PRT  
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<220>  
 <223> Tie

<400> 49  
 Ile Glu Tyr Ala Pro Tyr Gly Asn Leu Leu Asp Phe Leu Arg Lys Ser  
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 Arg Val Leu Glu Thr Asp Pro Ala Phe Ala Arg Glu His Gly Thr Ala  
 20 25 30  
 Ser Thr Leu  
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<210> 50  
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 <212> PRT  
 <213> unknown

<220>  
 <223> Tek

<400> 50  
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 1 5 10 15

Arg Val Leu Glu Thr Asp Pro Ala Phe Ala Ile Ala Asn Ser Thr Ala  
 20 25 30  
 Ser Thr Leu  
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<210> 51  
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 <212> PRT  
 <213> unknown

<220>  
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<400> 51  
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 Arg Pro Pro Gly Leu Glu Tyr Cys Tyr Asn Pro Ser His Asn Pro Glu  
 20 25 30  
 Glu Gln Leu  
 35

<210> 52  
 <211> 35  
 <212> PRT  
 <213> unknown

<220>  
 <223> Bek

<400> 52  
 Val Glu Tyr Ala Ser Lys Gly Asn Leu Arg Glu Tyr Leu Arg Ala Arg  
 1 5 10 15  
 Arg Pro Pro Gly Met Glu Tyr Ser Tyr Asp Ile Asn Arg Val Pro Glu  
 20 25 30  
 Glu Gln Met  
 35

<210> 53  
 <211> 35  
 <212> PRT  
 <213> unknown

<220>  
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<400> 53  
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 1 5 10 15  
 Arg Pro Pro Gly Leu Asp Tyr Ser Phe Asp Thr Cys Lys Pro Pro Glu  
 20 25 30  
 Glu Gln Leu  
 35

<210> 54

<211> 35  
 <212> PRT  
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 Arg Pro Pro Gly Pro Asp Leu Ser Pro Asp Gly Pro Arg Ser Ser Glu  
 20 25 30  
 Gly Pro Leu  
 35

PDGF

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 <212> PRT  
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<400> 55  
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 1 5 10 15  
 Arg Asp Ser Phe Leu Ser His His Pro Glu Lys Pro Lys Lys Glu Leu  
 20 25 30  
 Asp Ile Phe Gly Leu Asn Pro Ala  
 35 40

<210> 56  
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<400> 56  
 Thr Glu Tyr Cys Arg Tyr Gly Asp Leu Val Asp Tyr Leu His Arg Asn  
 1 5 10 15  
 Lys His Thr Phe Leu Gln His His Ser Asp Lys Arg Arg Pro Pro Ser  
 20 25 30  
 Ala Glu Leu Tyr Ser Asn Ala Leu  
 35 40

<210> 57  
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 <212> PRT  
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<220>

&lt;223&gt; Flt-1

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 1 5 10 15  
 Arg Asp Leu Phe Phe Leu Asn Lys Asp Ala Ala Leu His Met Glu Pro  
 20 25 30  
 Lys Lys Glu Lys Met Glu Pro Gly  
 35 40

&lt;210&gt; 58

&lt;211&gt; 40

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; Flt4

&lt;400&gt; 58

Val Glu Phe Cys Lys Tyr Gly Asn Leu Ser Asn Phe Leu Arg Ala Lys  
 1 5 10 15  
 Arg Asp Ala Phe Ser Pro Cys Ala Glu Lys Ser Pro Glu Gln Arg Gly  
 20 25 30  
 Arg Phe Arg Ala Met Val Glu Leu  
 35 40

&lt;210&gt; 59

&lt;211&gt; 40

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; Flk1

&lt;400&gt; 59

Val Glu Phe Ser Lys Phe Gly Asn Leu Ser Thr Tyr Leu Arg Gly Lys  
 1 5 10 15  
 Arg Asn Glu Phe Val Pro Tyr Lys Ser Lys Gly Ala Arg Phe Arg Gln  
 20 25 30  
 Gly Lys Asp Tyr Val Gly Glu Leu  
 35 40

&lt;210&gt; 60

&lt;211&gt; 20

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; c-Met

&lt;400&gt; 60

Leu Pro Tyr Met Lys His Gly Asp Leu Arg Asn Phe Ile Arg Asn Glu  
 1 5 10 15  
 Thr His Asn Pro  
 20

<210> 61  
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 <212> PRT  
 <213> unknown

<220>  
 <223> c-Sea

<400> 61  
 Leu Pro Tyr Met Arg His Gly Asp Leu Arg His Phe Ile Arg Ala Gln  
 1 5 10 15  
 Glu Arg Ser Pro  
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<210> 62  
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 <212> PRT  
 <213> unknown

<220>  
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<400> 62  
 Leu Pro Tyr Met Cys His Gly Asp Leu Leu Gln Phe Ile Arg Ser Pro  
 1 5 10 15  
 Gln Arg Asn Pro  
 20

<210> 63  
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 <212> PRT  
 <213> unknown

<220>  
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<400> 63  
 Thr Gln Leu Met Pro Phe Gly Cys Leu Leu Asp Tyr Val Arg Glu His  
 1 5 10 15  
 Lys Asp Asn Ile  
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<400> 64  
 Thr Gln Leu Met Pro Tyr Gly Cys Leu Leu Asp His Val Arg Glu Asn  
 1 5 10 15  
 Arg Gly Arg Leu

<210> 65  
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<400> 65  
 Thr Gln Tyr Leu Pro Leu Gly Ser Leu Leu Asp His Val Arg Gln His  
 1 5 10 15  
 Arg Gly Ala Leu  
 20

<210> 66  
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 <212> PRT  
 <213> unknown

<220>  
 <223> ErbB4

<400> 66  
 Thr Gln Leu Met Pro His Gly Cys Leu Leu Glu Tyr Val His Glu His  
 1 5 10 15  
 Lys Asp Asn Ile  
 20

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<220>  
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<400> 67  
 Val Glu Tyr Ala Lys Tyr Gly Ser Leu Arg Gly Phe Leu Arg Glu Ser  
 1 5 10 15  
 Arg Lys Val Gly Pro Gly Tyr Leu Gly Ser Gly Ser Arg Asn Ser  
 20 25 30  
 Ser Ser Leu Asp His Pro Asp Glu Arg Ala Leu  
 35 40

<210> 68  
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<220>  
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<400> 68  
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 1 5 10 15  
 Gly Pro Asp Ala Lys Leu Leu Ala Gly Gly Glu Asp Val Ala Pro Gly  
 20 25 30  
 Pro Leu

<210> 69  
 <211> 32  
 <212> PRT  
 <213> unknown

<220>  
 <223> TrkB

<400> 69  
 Phe Glu Tyr Met Lys His Gly Asp Leu Asn Lys Phe Leu Arg Ala His  
 1 5 10 15  
 Gly Pro Asp Ala Val Leu Met Ala Glu Gly Asn Pro Pro Thr Glu Leu  
 20 25 30

<210> 70  
 <211> 35  
 <212> PRT  
 <213> unknown

<220>  
 <223> TrkC

<400> 70  
 Phe Glu Tyr Met Lys His Gly Asp Leu Asn Lys Phe Leu Arg Ala His  
 1 5 10 15  
 Gly Pro Asp Ala Met Ile Leu Val Asp Gly Gln Pro Arg Gln Ala Lys  
 20 25 30  
 Gly Glu Leu  
 35

<210> 71  
 <211> 19  
 <212> PRT  
 <213> unknown

<220>  
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<400> 71  
 Met Glu Met Ala Glu Leu Gly Pro Leu Asn Lys Tyr Leu Gln Gln Asn  
 1 5 10 15  
 Arg His Val

<210> 72

<211> 20  
<212> PRT  
<213> unknown

<220>  
<223> Zap70

<400> 72  
Met Glu Met Ala Gly Gly Pro Leu His Lys Phe Leu Val Gly Lys  
1 5 10 15  
Arg Glu Glu Ile  
20

<210> 73  
<211> 20  
<212> PRT  
<213> unknown

<220>  
<223> Jak1

<400> 73  
Met Glu Phe Leu Pro Ser Gly Ser Leu Lys Glu Tyr Leu Pro Lys Asn  
1 5 10 15

Lys Asn Lys Ile  
20

<210> 74  
<211> 20  
<212> PRT  
<213> unknown

<220>  
<223> Jak2

<400> 74  
Met Glu Tyr Leu Pro Tyr Gly Ser Leu Arg Asp Tyr Leu Gln Lys His  
1 5 10 15  
Lys Glu Arg Ile  
20

<210> 75  
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<212> PRT  
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<220>  
<223> Jak3

<400> 75  
Met Glu Tyr Leu Pro Ser Gly Cys Leu Arg Asp Phe Leu Gln Arg His  
1 5 10 15  
Arg Ala Arg Leu  
20

<210> 76  
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<212> PRT  
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<220>  
<223> Tyk2

<400> 76  
Met Glu Tyr Val Pro Leu Gly Ser Leu Arg Asp Tyr Leu Pro Arg His  
1 5 10 15  
Ser Ile

<210> 77  
<211> 19  
<212> PRT  
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<220>  
<223> Iak1

&lt;400&gt; 77

Leu	Glu	Tyr	Ala	Pro	Leu	Gly	Thr	Val	Tyr	Arg	Glu	Leu	Gln	Lys	Leu
1					5				10				15		

Ser Lys Phe

&lt;210&gt; 78

&lt;211&gt; 19

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; Chk1

&lt;400&gt; 78

Leu	Glu	Tyr	Cys	Ser	Gly	Gly	Glu	Leu	Phe	Asp	Arg	Ile	Glu	Pro	Asp
1					5				10			15			

Ile Gly Met

&lt;210&gt; 79

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; IKK-1

&lt;400&gt; 79

Met	Glu	Tyr	Cys	Ser	Gly	Gly	Asp	Leu	Arg	Lys	Leu	Leu	Asn	Lys	Pro
1					5			10				15			

Glu Asn Cys Cys Gly Leu  
20

&lt;210&gt; 80

&lt;211&gt; 22

&lt;212&gt; PRT

&lt;213&gt; unknown

&lt;220&gt;

&lt;223&gt; IKK-2

&lt;400&gt; 80

Met	Glu	Tyr	Cys	Gln	Gly	Gly	Asp	Leu	Arg	Lys	Tyr	Leu	Asn	Gln	Phe
1					5			10			15				

Glu Asn Cys Cys Gly Leu  
20

&lt;210&gt; 81

&lt;211&gt; 19

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<220>  
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<400> 81  
 Leu Glu Leu Val Ala Gly Gly Glu Leu Phe Asp Phe Leu Ala Glu Lys  
 1 5 10 15  
 Glu Ser Leu

<210> 82  
 <211> 31  
 <212> PRT  
 <213> unknown

<220>  
 <223> IRK

<400> 82  
 Met Glu Leu Met Ala His Gly Asp Leu Lys Ser Tyr Leu Arg Ser Leu  
 1 5 10 15  
 Arg Pro Glu Ala Glu Asn Asn Pro Gly Arg Pro Pro Pro Thr Leu  
 20 25 30

<210> 83  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> TGFbRII

<400> 83  
 Thr Ala Phe His Ala Lys Gly Asn Leu Gln Glu Tyr Leu Thr Arg His  
 1 5 10 15  
 Val Ile

<210> 84  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> ACTRIIA

<400> 84  
 Thr Ala Phe His Glu Lys Gly Ser Leu Ser Asp Phe Leu Lys Ala Asn  
 1 5 10 15  
 Val Val

<210> 85  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> ACTRIIB

<400> 85  
 Thr Ala Phe His Asp Lys Gly Ser Leu Thr Asp Tyr Leu Lys Gly Asn  
 1 5 10 15  
 Ile Ile

<210> 86  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> ALK1

<400> 86  
 Thr His Tyr His Glu His Gly Ser Leu Tyr Asp Phe Leu Gln Arg Gln  
 1 5 10 15  
 Thr Leu

<210> 87  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> ALK2

<400> 87  
 Thr His Tyr His Glu Met Gly Ser Leu Tyr Asp Tyr Leu Gln Leu Thr  
 1 5 10 15  
 Thr Leu

<210> 88  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> ALK3

<400> 88  
 Thr Asp Tyr His Glu Asn Gly Ser Leu Tyr Asp Phe Leu Lys Cys Ala

1	5	10	15
Thr Leu			

<210> 89  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> ALK4

<400> 89  
 Ser Asp Tyr His Glu His Gly Ser Leu Phe Asp Tyr Leu Asn Arg Tyr  
 1 5 10 15  
 Thr Val

<210> 90  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> alk6

<400> 90  
 Thr Asp Tyr His Glu Asn Gly Ser Leu Tyr Asp Tyr Leu Lys Ser Thr  
 1 5 10 15  
 Thr Leu

<210> 91  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> DDR1

<400> 91  
 Thr Asp Tyr Met Glu Asn Gly Asp Leu Asn Gln Phe Leu Ser Ala His  
 1 5 10 15  
 Gln Leu

<210> 92  
 <211> 18  
 <212> PRT  
 <213> unknown

<220>  
 <223> DDR2

<400> 92

Thr Glu Tyr Met Glu Asn Gly Asp Leu Asn Gln Phe Leu Ser Arg His

1 5 10 15

Glu Pro

<210> 93

<211> 21

<212> PRT

<213> unknown

<220>

<223> ILK

<400> 93

Thr His Trp Met Pro Tyr Gly Ser Leu Tyr Asn Val Leu His Glu Gly  
 1 5 10 15  
 Thr Asn Phe Val Val  
 20

<210> 94  
 <211> 16  
 <212> PRT  
 <213> unknown

<220>  
 <223> JNK

<400> 94  
 Met Glu Leu Met Asp Ala Asn Leu Cys Gln Val Ile Gln Met Glu Leu  
 1 5 10 15

<210> 95  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
 <223>

<221> AMIDATION  
 <222> (0)...(20)  
 <223> Akt1/Raca

<400> 95  
 Gly Met Glu Tyr Ala Asn Gly Gly Glu Leu Phe Phe His Leu Ser Arg  
 1 5 10 15  
 Glu Arg Val Phe  
 20

<210> 96  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(19)

<223> Alk1

<400> 96  
 Gly Thr His Tyr His Glu His Gly Ser Leu Tyr Asp Phe Leu Gln Arg  
 1 5 10 15

Gln Thr Leu

<210> 97  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1) ... (0)

<221> AMIDATION  
 <222> (0) ... (22)

<223> Braf

<400> 97  
 Lys Lys Lys Lys Lys Lys Gly Gly Ser Ser Leu Tyr His His Leu His  
 1 5 10 15  
 Ile Ile Glu Thr Lys Phe  
 20

<210> 98  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1) ... (0)

<221> AMIDATION  
 <222> (0) ... (21)

<223> Braf

<400> 98  
 Gly Thr Gln Trp Ser Glu Gly Ser Ser Leu Tyr His His Leu His Ile  
 1 5 10 15  
 Ile Glu Thr Lys Phe  
 20

<210> 99  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1) ... (0)

<221> AMIDATION  
 <222> (0) ... (22)

<223> c-Abl

&lt;400&gt; 99

Gly	Thr	Glu	Phe	Met	Thr	Tyr	Gly	Asn	Leu	Leu	Asp	Tyr	Leu	Arg	Glu
1					5				10				15		
Cys	Asn	Arg	Gln	Glu	Val										
					20										

&lt;210&gt; 100

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; MYRISTATE

&lt;222&gt; (1)...(0)

&lt;221&gt; AMIDATION

&lt;222&gt; (0)...(21)

&lt;223&gt;

&lt;223&gt; c-Met

&lt;400&gt; 100

Gly	Leu	Pro	Tyr	Met	Lys	His	Gly	Asp	Leu	Arg	Asn	Phe	Ile	Arg	Asn
1				5				10					15		
Glu	Thr	His	Asn	Pro											
				20											

&lt;210&gt; 101

&lt;211&gt; 21

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; MYRISTATE

&lt;222&gt; (1)...(0)

&lt;221&gt; AMIDATION

&lt;222&gt; (0)...(21)

&lt;223&gt; c-Raf

&lt;400&gt; 101

Gly	Thr	Gln	Trp	Ser	Glu	Gly	Ser	Ser	Leu	Tyr	Lys	His	Leu	His	Val
1				5				10					15		
Gln	Glu	Thr	Lys	Phe											
				20											

&lt;210&gt; 102

&lt;211&gt; 14

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; ACETYLATION

&lt;222&gt; (1)...(0)

<223> benzyl ester at position 11

<221> AMIDATION  
<222> (0)...(14)

<223> c-Raf

<400> 102

Ser Ser Leu Tyr Lys His Leu His Val Gln Glu Thr Lys Phe  
1. . . . . 5 . . . . . 10

<210> 103

<211> 21  
<212> PRT

<213> Artificial Sequence

<220>

<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(21)

<223> c-Sea

<400> 103

Gly Leu Pro Tyr Met Arg His Gly Asp Leu Arg His Phe Ile Arg Ala  
1 . . . . . 5 . . . . . 10 . . . . . 15  
Gln Glu Arg Ser Pro  
20

<210> 104

<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>

<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(22)

<223> c-Src

<400> 104

Gly Thr Glu Tyr Met Ser Lys Gly Ser Leu Leu Asp Phe Leu Lys Gly  
1 . . . . . 5 . . . . . 10 . . . . . 15  
Glu Thr Gly Lys Tyr Leu  
20

<210> 105

<211> 14  
<212> PRT  
<213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)  
 <223> benzyl ester at position 5  
 benzyl ester at position 9

<221> AMIDATION  
 <222> (0)...(14)

<223> c-Src

<400> 105  
 Gly Ser Leu Leu Asp Leu Lys Gly Glu Thr Gly Lys Phe Leu  
 1 5 10

<210> 106  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
 <221> AMIDATION  
 <222> (0)...(21)  
 <223>

<223> CDK2

<400> 106  
 Gly Phe Glu Phe Leu His Gln Asp Leu Lys Lys Phe Met Asp Ala Ser  
 1 5 10 15  
 Ala Leu Thr Gly Ile  
 20

<210> 107  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)  
 <223> benzyl ester at position 1  
 benzyl ester at position 7

<221> AMIDATION  
 <222> (0)...(14)  
 <223>

<223> CDK2

<400> 107

Asp Leu Lys Lys Phe Met Asp Ala Ser Ala Leu Thr Gly Met  
 1 5 10

<210> 108  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)  
 <223> benzyl ester at position 1  
 benzyl ester at position 7

<221> AMIDATION  
 <222> (0)...(14)

<223> CDK4

<400> 108  
 Asp Leu Arg Thr Tyr Leu Asp Lys Ala Pro Pro Pro Gly Leu  
 1 5 10

<210> 109  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
 <221> AMIDATION  
 <222> (0)...(21)

<223> CDK4

<400> 109  
 Gly Phe Glu His Val Asp Gln Asp Leu Arg Thr Tyr Leu Asp Lys Ala  
 1 5 10 15  
 Pro Pro Pro Gly Leu  
 20

<210> 110  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
 <221> AMIDATION  
 <222> (0)...(21)

<223> CDK6

<400> 110  
 Gly Phe Glu His Val Asp Gln Asp Leu Thr Thr Tyr Leu Asp Lys Val  
 1 5 10 15  
 Pro Glu Pro Gly Val  
 20

<210> 111  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(19)

<223> Chk1

<400> 111  
 Gly Glu Tyr Ser Ser Gly Gly Glu Leu Phe Asp Arg Ile Glu Pro Asp  
 1 5 10 15  
 Ile Gly Met

<210> 112  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(19)  
 <223>

<223> Chk1

<400> 112  
 Gly Glu Tyr Ala Ser Gly Gly Glu Leu Phe Asp Arg Ile Glu Pro Asp  
 1 5 10 15  
 Ile Gly Met

<210> 113  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(19)  
 <223>

<223> CK IIa

<400> 113  
 Lys Lys Lys Lys Lys Gly Gly Asn Asn Thr Asp Phe Lys Gln Leu Tyr  
 1 5 10 15  
 Gln Thr Leu

<210> 114  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
 <221> AMIDATION  
 <222> (0)...(17)

<223> CK IIa

<400> 114  
 Gly Phe Glu His Val Asn Asn Thr Asp Phe Lys Gln Leu Tyr Gln Thr  
 1 5 10 15  
 Leu

<210> 115  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(22)  
 <223>

<223> Csk

<400> 115  
 Gly Thr Glu Tyr Met Ala Lys Gly Ser Leu Val Asp Tyr Leu Arg Ser  
 1 5 10 15  
 Arg Gly Arg Ser Val Leu  
 20

<210> 116

<211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)  
 <223> benzyl ester at position 5

<221> AMIDATION  
 <222> (0)...(14)

<223> Csk

<400> 116  
 Gly Ser Leu Val Asp Leu Arg Ser Arg Gly Arg Ser Val Leu  
 1 5 10

<210> 117  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(21)

<223> Fak

<400> 117  
 Gly Met Glu Leu Ser Thr Leu Gly Glu Leu Arg Ser Phe Leu Gln Val  
 1 5 10 15  
 Arg Lys Tyr Ser Leu  
 20

<210> 118  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(17)

<223> FGFR-3

<400> 118  
 Gly Gly Asn Leu Arg Glu Phe Leu Arg Ala Arg Arg Pro Pro Gly Leu  
 1 5 10 15  
 Glu

<210> 119  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence  
  
 <220>  
 <221> ACETYLATION  
 <222> (1)...(0)  
 <223> benzyl ester at position 5  
       benzyl ester at position 16

<221> AMIDATION  
 <222> (0)...(16)

<223> FGFR-3

<400> 119  
 Gly Asn Leu Arg Glu Phe Leu Arg Ala Arg Arg Pro Pro Gly Leu Glu  
   1                  5                  10                  15

<210> 120  
 <211> 23  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
  
 <221> AMIDATION  
 <222> (0)...(23)

<223> FGFR-3

<400> 120  
 Gly Val Glu Tyr Ala Ala Lys Gly Asn Leu Arg Glu Phe Leu Arg Ala  
   1                  5                  10                  15  
 Arg Arg Pro Pro Gly Leu Glu  
   20

<210> 121  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> stearyl at position 1

<221> AMIDATION  
 <222> (0)...(13)  
 <223> FGFR-3

<400> 121  
 Gly Ser Phe Asp Thr Ser Lys Pro Pro Glu Glu Gln Leu  
   1                  5                  10

<210> 122  
 <211> 23  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(23)

<223> Flk1

<400> 122

Gly Val Glu Phe Ser Lys Phe Gly Asn Leu Ser Asn Phe Leu Arg Ala  
 1 5 10 15  
 Lys Arg Asn Leu Phe Val Pro  
 20

<210> 123  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(17)  
 <223>

<223> Flk1

<400> 123

Gly Gly Asn Leu Ser Asn Phe Leu Arg Ala Lys Arg Asn Leu Phe Val  
 1 5 10 15  
 Pro

<210> 124  
 <211> 16  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(16)

<223> Flk1

<400> 124  
 Gly Asn Leu Ser Asn Phe Leu Arg Ala Lys Arg Asn Leu Phe Val Pro  
 1 5 10 15

<210> 125  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> stearyl at position 1

<221> AMIDATION  
 <222> (0)...(13)  
 <223> Flki

<400> 125  
 Gly Arg Phe Arg Gln Gly Lys Asp Tyr Val Gly Glu Leu  
 1 5 10

<210> 126  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(22)

<223> GSK3b

<400> 126  
 Lys Lys Lys Lys Lys Gly Gly Val Ala Arg His Tyr Ser Arg  
 1 5 10 15  
 Ala Lys Gln Thr Leu Pro  
 20

<210> 127  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(13)

<223> GSK3b

<400> 127  
Val Ala Arg His Tyr Ser Arg Ala Lys Gln Thr Leu Pro  
1 5 10

<210> 128  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(22)

<223> GSK3b

<400> 128

Gly Asp Tyr Val Pro Glu Thr Val Tyr Arg Val Ala Arg His Tyr Ser  
1 5 10 15  
Arg Ala Lys Gln Thr Leu  
20

<210> 129  
<211> 12  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> ACETYLATION  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(12)

<223> GSK3b

<400> 129  
Arg Val Ala Arg His Tyr Ser Arg Ala Lys Gln Thr  
1 5 10

<210> 130  
<211> 22  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(22)

<223> Hck

<400> 130  
Gly Thr Glu Phe Met Ala Lys Gly Ser Leu Leu Asp Phe Leu Lys Ser  
1 5 10 15  
Asp Glu Gly Ser Lys Gln  
20

<210> 131  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION

<222> (0) . . . (20)

<223> Iak1

<400> 131  
Gly Leu Glu Tyr Ala Pro Leu Gly Thr Val Tyr Arg Glu Leu Gln Lys  
1 5 10 15  
Leu Ser Lys Phe  
20

<210> 132  
<211> 23  
<212> PRT  
<213> Artificial Sequence

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<220>
<221> MYRISTATE
<222> (1)...(0)

<221> AMIDATION
<222> (0)...(23)

<223> IKK-1
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<400> 132  
Gly Met Glu Tyr Ser Ser Gly Gly Asp Leu Arg Lys Leu Leu Asn Lys  
1 5 10 15  
Pro Glu Asn Ser Ser Gly Leu  
20

<210> 133  
<211> 23  
<212> PRT  
<213> Artificial Sequence

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<220>
<221> MYRISTATE
<222> (1) ... (0)

<221> AMIDATION
<222> (0) ... (23
<223>
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<223> IKK-2

<400> 133  
 Gly Met Glu Tyr Ser Gln Gly Gly Asp Leu Arg Lys Tyr Leu Asn Gln  
 1 5 10 15  
 Phe Glu Asn Ser Ser Gly Leu  
 20

<210> 134  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(22)

<223> ILK

<400> 134  
 Gly Thr His Trp Met Pro Tyr Gly Ser Leu Tyr Asn Val Leu His Glu  
 1 5 10 15  
 Gly Thr Asn Phe Val Val  
 20

<210> 135  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <223> stearyl at position 1

<221> AMIDATION  
 <222> (0)...(13)  
 <223> ILK

<400> 135  
 Gly Tyr Asn Val Leu His Glu Gly Thr Asn Phe Val Val  
 1 5 10

<210> 136  
 <211> 19  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(19)  
 <223>

<223> IRK

&lt;400&gt; 136

Gly	Met	Glu	Leu	Met	Ala	His	Gly	Asp	Leu	Lys	Ser	Tyr	Leu	Arg	Ser
1									5				10		15

Leu Arg Pro

&lt;210&gt; 137

&lt;211&gt; 12

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; ACETYLATION

&lt;222&gt; (1)...(0)

&lt;221&gt; AMIDATION

&lt;222&gt; (0)...(12)

&lt;223&gt; IRK

&lt;400&gt; 137

Ala	Gln	Asn	Asn	Pro	Gly	Arg	Pro	Pro	Pro	Thr	Leu
1										10	

&lt;210&gt; 138

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; MYRISTATE

&lt;222&gt; (1)...(0)

&lt;221&gt; AMIDATION

&lt;222&gt; (0)...(13)

&lt;223&gt; IRK

&lt;400&gt; 138

Gly	Leu	Lys	Ser	Tyr	Leu	Arg	Ser	Leu	Arg	Pro	Glu	Ala
1								5			10	

&lt;210&gt; 139

&lt;211&gt; 13

&lt;212&gt; PRT

&lt;213&gt; Artificial Sequence

&lt;220&gt;

&lt;221&gt; MYRISTATE

&lt;222&gt; (1)...(0)

&lt;221&gt; AMIDATION

&lt;222&gt; (0)...(13)

&lt;223&gt; IRK

<400> 139  
 Gly Ala Glu Asn Asn Pro Gly Arg Pro Pro Pro Thr Leu  
 1 5 10

<210> 140  
 <211> 17  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(17)

<223> IRK

<400> 140  
 Gly Leu Arg Pro Glu Ala Glu Asn Asn Pro Gly Arg Pro Pro Pro Thr  
 1 5 10 15  
 Leu

<210> 141  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(21)

<223> Jak1

<400> 141  
 Gly Met Glu Phe Leu Pro Ser Gly Ser Leu Lys Glu Tyr Leu Pro Lys  
 1 5 10 15  
 Asn Lys Asn Lys Ile  
 20

<210> 142  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(13)

<223> Jak1

<400> 142  
Gly Leu Lys Glu Tyr Leu Pro Lys Asn Lys Asn Lys Ile  
1 5 10

<210> 143  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(13)

<223> Jak2

<400> 143  
Gly Leu Arg Asp Tyr Leu Gln Lys His Lys Glu Arg Ile  
1 5 10

<210> 144  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<223> stearyl at position 1

<221> AMIDATION  
<222> (0)...(11)  
<223> Jak2

<400> 144  
Gly Leu Arg Asp Tyr Leu Gln Lys His Lys Glu  
1 5 10

<210> 145  
<211> 20  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(20)

&lt;223&gt; Jak3

<400> 145  
 Gly Met Glu Tyr Leu Pro Ser Gly Ser Leu Arg Asp Phe Leu Gln Arg  
 1 5 10 15  
 His Arg Ala Leu  
 20

<210> 146  
 <211> 21  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)  
  
 <221> AMIDATION  
 <222> (0)...(21)

&lt;223&gt; Jak3

<400> 146  
 Gly Met Glu Tyr Leu Pro Ser Gly Ser Leu Arg Asp Phe Leu Gln Arg  
 1 5 10 15  
 His Arg Ala Arg Leu  
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<210> 147  
 <211> 13  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
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 <221> AMIDATION  
 <222> (0)...(13)

&lt;223&gt; Jak3

<400> 147  
 Gly Leu Arg Asp Phe Leu Gln Arg His Arg Ala Arg Leu  
 1 5 10

<210> 148  
 <211> 14  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION

<222> (1)...(0)  
 <223> benzyl ester at position 5

<221> AMIDATION  
 <222> (0)...(14)

<223> Lck

<400> 148  
 Gly Ser Leu Val Asp Leu Lys Thr Pro Ser Gly Ile Lys Leu  
 1 5 10

<210> 149  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(22)

<223> Lck

<400> 149  
 Gly Thr Glu Tyr Met Glu Asn Gly Ser Leu Val Asp Phe Leu Lys Thr  
 1 5 10 15  
 Pro Ser Gly Ile Lys Leu  
 20

<210> 150  
 <211> 22  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
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<221> AMIDATION  
 <222> (0)...(22)

<223> Lyn

<400> 150  
 Gly Thr Glu Tyr Met Ala Lys Gly Ser Leu Leu Asp Phe Leu Lys Ser  
 1 5 10 15  
 Asp Glu Gly Gly Lys Val  
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<210> 151  
 <211> 20  
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<213> Artificial Sequence

<220>

<221> MYRISTATE  
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<221> AMIDATION  
<222> (0)...(20)

<223> MARK1

<400> 151

Gly Met Glu Tyr Ala Ser Gly Gly Glu Val Phe Asp Tyr Leu Val Ala  
1 5 10 15  
His Gly Arg Met  
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<210> 152

<211> 15

<212> PRT

<213> Artificial Sequence

<220>

<221> ACETYLATION

<222> (1)...(0)

<223> benzyl ester at position 2  
benzyl ester at position 5

<221> AMIDATION

<222> (0)...(15)

<223> PDGFR-b

<400> 152

Gly Asp Leu Val Asp Tyr Leu His Arg Asn Lys His Thr Phe Leu  
1 5 10 15

<210> 153

<211> 22

<212> PRT

<213> Artificial Sequence

<220>

<221> MYRISTATE

<222> (1)...(0)

<221> AMIDATION

<222> (0)...(22)

<223> PDGFR-b

<400> 153

Gly Thr Glu Tyr Ser Arg Tyr Gly Asp Leu Val Asp Tyr Leu His Arg  
1 5 10 15  
Asn Lys His Thr Phe Leu  
20

<210> 154  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> MYRISTATE  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(20)

<223> PKCb

<400> 154  
 Gly Met Glu Tyr Val Asn Gly Gly Asp Leu Met Tyr His Ile Gln Gln  
 1 5 10 15  
 Val Gly Arg Phe  
 20

<210> 155  
 <211> 20  
 <212> PRT  
 <213> Artificial Sequence

<220>  
 <221> ACETYLATION  
 <222> (1)...(0)

<221> AMIDATION  
 <222> (0)...(20)

<223> PKCb

<400> 155  
 Lys Lys Lys Lys Lys Lys Gly Gly Asp Leu Met Tyr His Ile Gln Gln  
 1 5 10 15  
 Val Gly Arg Phe  
 20

<210> 156  
 <211> 12  
 <212> PRT  
 <213> Artificial Sequence

<220>  
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 <223> benzyl ester at position 5

<221> AMIDATION  
 <222> (0)...(12)

<223> Plk

<400> 156  
 Arg Ser Leu Leu Glu Leu His Lys Arg Arg Lys Ala

1 5 10

<210> 157  
<211> 13  
<212> PRT  
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<220>  
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<222> (1)...(0)  
<223> benzyl ester at position 6

<221> AMIDATION  
<222> (0)...(13)

<223> Plk

<400> 157  
Gly Arg Ser Leu Leu Glu Leu His Lys Arg Arg Lys Ala  
1 5 10

<210> 158  
<211> 20  
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<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)  
  
<221> AMIDATION  
<222> (0)...(20)

<223> Plk

<400> 158  
Gly Leu Glu Leu Ser Arg Arg Ser Leu Leu Glu Leu His Lys Arg  
1 5 10 15  
Arg Lys Ala Leu  
20

<210> 159  
<211> 22  
<212> PRT  
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<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(22)

<223> Ret

<400> 159

Gly Val Glu Tyr Ala Lys Tyr Gly Ser Leu Arg Gly Phe Leu Arg Glu  
1 5 10 15  
Ser Arg Lys Val Gly Pro  
20

<210> 160  
<211> 15  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> ACETYLATION  
<222> (1)...(0)  
<223> benzyl ester at position 9

<221> AMIDATION  
<222> (0)...(15)

<223> Ret

<400> 160  
Gly Ser Leu Arg Gly Phe Leu Arg Glu Ser Arg Lys Val Gly Pro  
1 5 10 15

<210> 161  
<211> 21  
<212> PRT  
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<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(21)

<223> Ron

<400> 161  
Gly Leu Pro Tyr Met Cys His Gly Asp Leu Leu Gln Phe Ile Arg Ser  
1 5 10 15  
Pro Gln Arg Asn Pro  
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<210> 162  
<211> 20  
<212> PRT  
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<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(20)

<223> SNK

<400> 162

Gly Leu Glu Tyr Ser Ser Arg Arg Ser Met Ala His Ile Leu Lys Ala  
 1 5 10 15  
 Arg Lys Val Leu  
 20

<210> 163

<211> 20

<212> PRT

<213> Artificial Sequence

<220>

<221> MYRISTATE

<222> (1)...(0)

<221> AMIDATION

<222> (0)...(20)

<223> Syk

<400> 163

Gly Met Glu Met Ala Glu Leu Gly Pro Leu Asn Lys Tyr Leu Gln Gln  
 1 5 10 15  
 Asn Arg His Val  
 20

<210> 164

<211> 19

<212> PRT

<213> Artificial Sequence

<220>

<221> MYRISTATE

<222> (1)...(0)

<221> AMIDATION

<222> (0)...(19)

<223> TGFbRII

<400> 164

Gly Thr Ala Phe His Ala Lys Gly Asn Leu Gln Glu Tyr Leu Thr Arg  
 1 5 10 15  
 His Val Ile

<210> 165

<211> 25

<212> PRT

<213> Artificial Sequence

<220>

<221> MYRISTATE

<222> (1)...(0)

<221> .AMIDATION  
<222> (0)...(25)

<223> TrkB

<400> 165  
Gly Phe Glu Tyr Met Lys His Gly Asp Leu Asn Lys Phe Leu Arg Ala  
1 5 10 15  
His Gly Pro Asp Ala Val Leu Met Ala  
20 25

<210> 166  
<211> 13  
<212> PRT  
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<220>  
<221> MYRISTATE  
<222> (1)...(0)  
  
<221> .AMIDATION  
<222> (0)...(13)  
  
<223> TrkB  
  
<400> 166  
Gly Leu Arg Ala His Gly Pro Asp Ala Val Leu Met Ala  
1 5 10

<210> 167  
<211> 11  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)  
  
<221> .AMIDATION  
<222> (0)...(11)  
  
<223> TrkB  
  
<400> 167  
Gly Leu Arg Ala His Gly Pro Asp Ala Val Leu  
1 5 10

<210> 168  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
<222> (1)...(0)

<221> AMIDATION  
<222> (0)...(13)

<223> TrkB

<400> 168  
Gly Leu Asn Phe Lys Leu Arg Ala His Gly Pro Asp Ala  
1 5 10

<210> 169  
<211> 13  
<212> PRT  
<213> Artificial Sequence

<220>  
<221> MYRISTATE  
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<221> AMIDATION  
<222> (0)...(13)

<223> TrkB

<400> 169  
Gly Phe Lys Leu Arg Ala His Gly Pro Asp Ala Val Leu  
1 5 10

<210> 170  
<211> 21  
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<213> Artificial Sequence

<220>  
<221> MYRISTATE  
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<221> AMIDATION  
<222> (0)...(21)

<223> Zap70

<400> 170  
Gly Met Glu Met Ala Gly Gly Gly Pro Leu His Lys Phe Leu Val Gly  
1 5 10 15  
Lys Arg Glu Glu Ile  
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<210> 171  
<211> 21  
<212> PRT  
<213> Unknown

<220>  
<223> IRK

<400> 171  
Met Ala His Gly Asp Leu Lys Ser Tyr Leu Arg Ser Leu Arg Pro Glu  
1 5 10 15  
Ala Glu Asn Asn Pro  
20

<210> 172  
<211> 8  
<212> PRT  
<213> Unknown

<220>  
<223> endothelial growth factor receptor

<400> 172  
Lys Phe Asp Val Ile Asn Leu Ala  
1 5